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Black Widow MCC-300-EF

Black Widow MCC-300-EF Steel Compact Hitch-Mounted Carrier User Manual

Brand: Black Widow | Model: MCC-300-EF

INTRODUCTION

This manual provides comprehensive instructions for the safe assembly, installation, operation, and maintenance of your Black Widow MCC-300-EF Steel Compact Hitch-Mounted Carrier. This carrier is designed for transporting lightweight motorcycles, dirt bikes, electric bikes, and fat tire bikes with wheels up to 5 inches wide. It is compatible with Class III or IV 2-inch hitch receivers and has a maximum load capacity of 300 lbs.

Please read this manual thoroughly before using the product to ensure proper function and safety.

SAFETY INFORMATION

- **Maximum Load Capacity:** Do not exceed the 300 lb. weight capacity of the carrier or the maximum tongue weight capacity of your vehicle's hitch receiver, whichever is lower.
- **Hitch Compatibility:** Ensure your vehicle has a Class III or IV 2-inch hitch receiver.
- **Secure Fasteners:** Always ensure all bolts, pins, and straps are securely fastened before and during transport. Regularly check for tightness.
- **Proper Loading:** Distribute the weight evenly. Use the provided loading ramp for safe loading and unloading.
- **Anti-Tilt Device:** Always install the anti-tilt device to minimize wobble and ensure stability during transport.
- **Clearance:** Verify adequate ground clearance and clearance from vehicle exhaust or hot components.
- **Visibility:** Ensure the carrier and bike do not obstruct your vehicle's taillights, turn signals, or license plate. Use auxiliary lighting if necessary.
- **Driving Habits:** Drive cautiously, especially over bumps or during turns, as the added weight and length can affect vehicle handling.

- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

PACKAGE CONTENTS

Verify that all components are present before beginning assembly:

- Hitch-Mounted Carrier Track (two pieces)
- Loading Ramp
- Hitch Pin
- Anti-Tilt Device
- Spacer Bar (for 50-80cc youth bikes)
- Assembly Hardware (bolts, nuts, washers)

ASSEMBLY INSTRUCTIONS

The carrier track is shipped in two pieces for compact delivery and requires simple assembly.

1. **Join Carrier Track Sections:** Align the two main carrier track sections and secure them using the provided bolts, nuts, and washers. Ensure all connections are tight.
2. **Attach Hitch Bar:** Connect the hitch bar to the assembled carrier track using the designated hardware.
3. **Install Ramp Storage Brackets:** Secure the ramp storage brackets to the side of the carrier track.

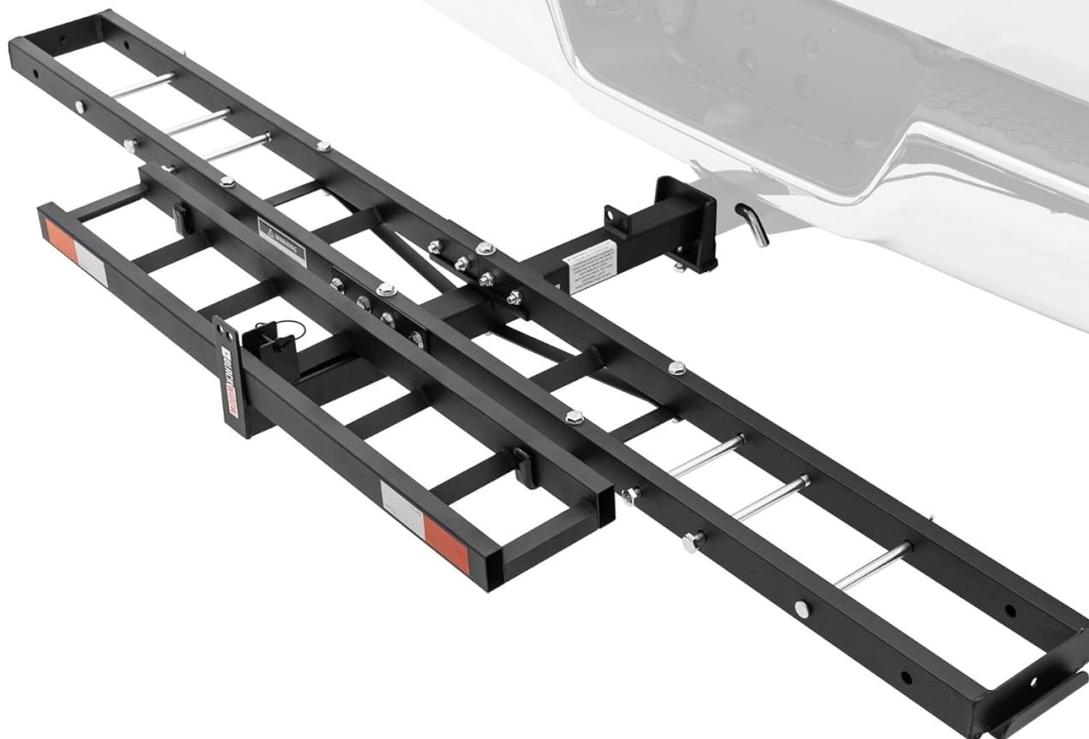


Image: The Black Widow hitch-mounted carrier disassembled, showing its main components before assembly. This image illustrates the two main carrier track sections, the hitch bar, and other hardware.

INSTALLATION

1. **Insert into Hitch Receiver:** Slide the carrier's hitch bar into your vehicle's 2-inch hitch receiver.
2. **Secure with Hitch Pin:** Align the pinholes and insert the provided hitch pin, securing it with the clip.
3. **Install Anti-Tilt Device:** Position the anti-tilt device around the hitch bar and receiver. Tighten the bolts to eliminate any wobble or sway of the carrier.
4. **Attach Loading Ramp:** The loading ramp can be attached to either side of the carrier for loading and then stored flat on the carrier when not in use.



Image: The Black Widow hitch-mounted carrier securely installed into a vehicle's rear hitch receiver, ready for use.



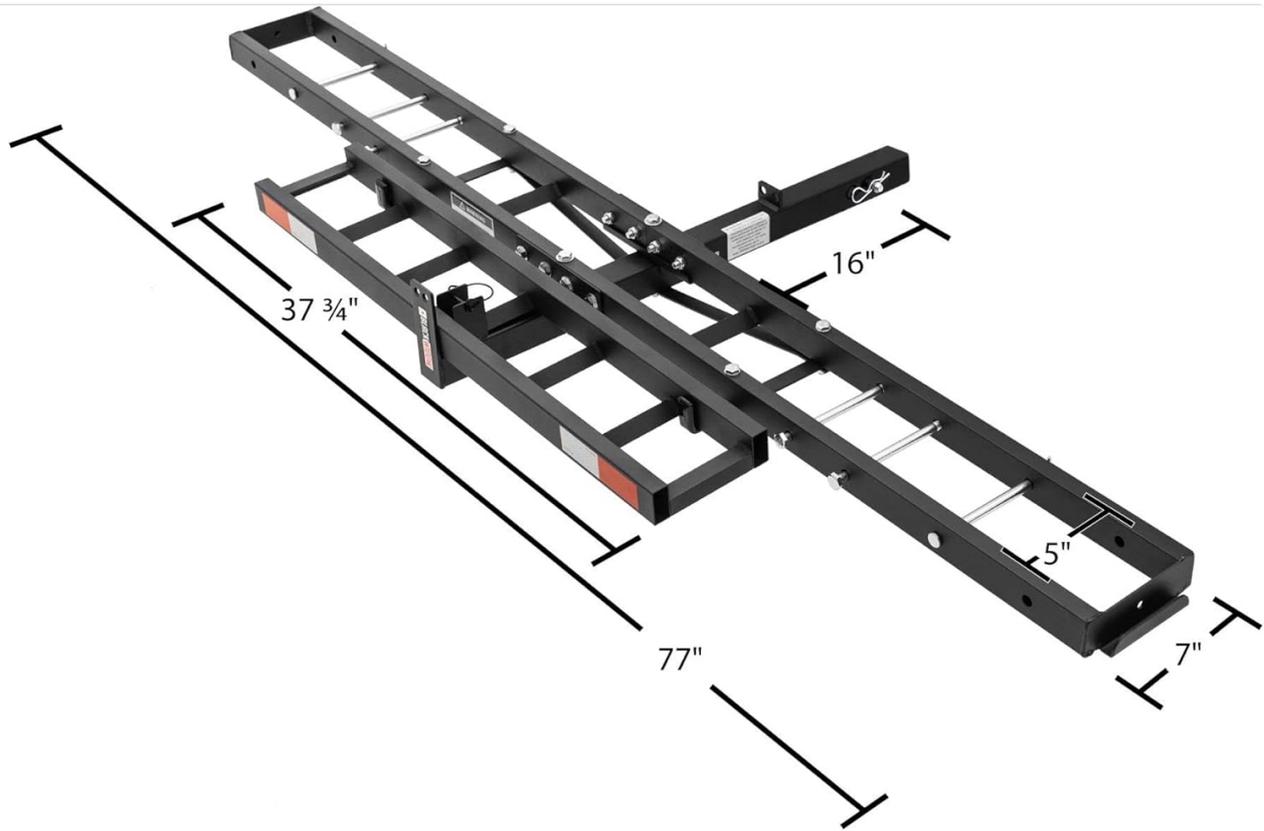
Image: A detailed view of the anti-tilt device installed on the carrier's hitch bar, designed to reduce movement and stabilize the carrier.

OPERATION

1. **Prepare for Loading:** Ensure the carrier is securely installed and the anti-tilt device is tightened. Position the loading ramp on either side of the carrier.
2. **Load the Bike:** Carefully roll or walk your bike up the loading ramp onto the carrier track. For heavier eBikes, utilize walk-assist features if available.
3. **Position the Bike:** Center the bike on the carrier track. If transporting a 50-80cc youth bike, use the provided spacer bar to ensure a snug fit.
4. **Secure the Bike:** Use appropriate tie-down straps (not included) to firmly secure the bike to the carrier. Attach straps to the handlebars, frame, and wheels, ensuring the bike cannot move forward, backward, or side-to-side during transit. A minimum of four straps is recommended for optimal security.
5. **Store the Ramp:** Once the bike is secured, remove the loading ramp and store it flat on the carrier using

the designated brackets.

6. **Final Check:** Before driving, double-check all connections, straps, and the anti-tilt device for tightness. Confirm the bike is stable and does not obstruct vehicle lights or license plate.



Hitch tube length: 33 1/4"
Front of carrier to hitch pin hole: 31 1/4"
Overall height: 7"

Image: An electric bike with fat tires is shown loaded onto the Black Widow carrier, secured with tie-down straps.



Image: The loading ramp is positioned to facilitate easy loading of a bike onto the carrier, demonstrating its functionality.



Image: A rear perspective of a bike properly secured on the carrier, highlighting the stability and positioning for transport.

MAINTENANCE

- **Regular Inspection:** Periodically inspect the carrier for any signs of wear, damage, or corrosion.
- **Fastener Check:** Ensure all bolts, nuts, and pins remain tight. Re-tighten as necessary.
- **Cleaning:** Clean the carrier with mild soap and water. Rinse thoroughly and dry to prevent rust.
- **Powder Coating Care:** The carrier features a powder-coated finish for protection. Avoid abrasive cleaners or tools that could scratch the coating. Touch up any deep scratches to prevent rust.
- **Storage:** When not in use, store the carrier in a dry place to prolong its lifespan.

TROUBLESHOOTING

- **Carrier Wobbles:** Ensure the anti-tilt device is correctly installed and fully tightened. Check that the hitch pin is securely in place.
- **Difficulty Loading Bike:** Verify the loading ramp is properly seated on the carrier. Ensure the path to the ramp is clear and level. For heavy bikes, consider having assistance or using the bike's walk-assist mode.
- **Bike Not Secure:** Re-evaluate strap placement and tension. Ensure straps are routed through sturdy parts of the bike frame and carrier. Add more straps if necessary to prevent any movement.
- **Rust Appears:** Clean the affected area, sand lightly to remove rust, and apply a rust-inhibiting primer and paint to match the powder coat.

SPECIFICATIONS

Feature	Detail
Brand	Black Widow
Model Number	MCC-300-EF
Color	Black
Material	Steel (Powder-Coated)
Load Capacity	300 lbs.
Mounting Type	Hitch (Class III or IV, 2-inch receiver)
Item Dimensions (L x W x H)	77 x 7 x 7 inches
Item Weight	47 pounds
Loading Ramp Length	37.75 inches
Wheel Width Compatibility	Up to 5 inches
Included Features	Anti-tilt device, spacer bar



Image: A technical diagram illustrating the key dimensions of the Black Widow hitch-mounted carrier, including overall length, width, and height.

WARRANTY INFORMATION

This Black Widow product is covered by the manufacturer's standard warranty. For specific details regarding warranty coverage, terms, and conditions, please refer to the warranty card included with your purchase or visit the official Black Widow website.

CUSTOMER SUPPORT

For further assistance, technical support, or to inquire about replacement parts, please contact Black Widow customer service or visit their official store:

Black Widow Store: [Visit the Black Widow Store on Amazon](#)